



# michoud messenger

Volume 1, Issue 5 | December 1, 2009

## MAF Donates \$10,000 Worth of Food to Second Harvest

The 2009 hurricane season spared south Louisiana and, as a result, fewer people will be without food this holiday season. More than \$10,000 worth of meals reserved for unneeded hurricane ride-out crews was donated by Michoud Assembly Facility to Second Harvest Food Bank.

"The food had a shelf life and was set to expire by the end of the year and we didn't want anything to go to waste," said **Greg Hanrahan**, a Jacobs facilities manager.

Second Harvest Food Bank distributes food to men, women, children and seniors in need through more than 225 faith-

based and nonprofit organizations across 23 south Louisiana parishes - from the Mississippi border to the Texas state line. "Thanks for thinking about Second Harvest," said **Tom Melton**, a food source specialist for Second Harvest. Melton says one in eight people in Louisiana is struggling with hunger so the food will go a long way to brightening this holiday season.

Hanrahan helped load ten pallets Nov. 16, enough food to feed 30 people for 30 days. Each box contained a day's worth of food - items like breakfast bars, juice, canned food, and snacks.

To donate your time or treasure to Second Harvest this holiday season, go to [www.no-hunger.org](http://www.no-hunger.org) to find out more.



MSFOC worker Greg Hanrahan loads food bound for Second Harvest Nov. 16.

# UNO-NCAM Accepts NASA Achievement Award

On Sept. 17, NASA's Marshall Space Flight Center Materials and Processes Laboratory presented a special Group Achievement Award to an NCAM-led team for exemplary performance in support of the Constellation program's Ares I Upper Stage Common Bulkhead (CB). The presentation was made at Michoud by Wendell Colberg, deputy manager of the Materials and Processes Laboratory at Marshall.

The objective of the project was the development and testing of manufacturing processes that will be utilized in fabrication of the Ares I Upper Stage CB. UNO-NCAM managed the Michoud phases of the project, including subcontracting with Lockheed Martin for additional technical support and working closely with the Marshall Upper Stage CB team during planning and execution.

During this past April, the CB Team spent several days onsite at Michoud where machining and a verification test was performed on a CB demonstration article using NCAM's High-speed Machining Center (HSMC). The UNO-NCAM team was instrumental in supporting the logistics of receiving the Demonstration Article at Michoud, scheduling of the HSMC, coordinating oven support, providing photography, video support, and miscellaneous supplies and return shipping to Marshall following completion of scheduled



With the UNO-NCAM HSMC in the background, Wendell Colberg (center), presented NASA Group Achievement Award Certificates to, left to right: Mark Lotz, Terry Coleman, Jonathan Swift, David Quigley, Bruce Brailsford, Greg Dobson, John Alt, Steve Attaya and Lisa Johnson.

tasks.

The HSMC was used to machine the core material accurately to a specified curvature to facilitate bonding of the upper dome panel to the core. After machining, a Verifilm test was done to verify the accuracy of the machining and the fit of the core material to the upper dome panel. The imprint of the core on the cured Verifilm confirmed that the machined core material was in 100% contact with the upper dome panel.

## USS New Orleans Sailors Tour MAF



Command Master Chief Jeffery Kozlik and four sailors from USS New Orleans toured the NASA Michoud Assembly Facility on Nov. 2. They had a chance to meet with NASA Deputy Chief Operating Officer Malcolm Wood and present him with a ship's plaque. The tour was part of New Orleans Navy Week, one of 21 Navy Weeks planned across America in 2009. Navy Weeks are designed to show Americans the investment they have made in their Navy and increase awareness in cities across America. (U.S. Navy photo)

## Science Night at Lake Forest Elementary



Students at Lake Forest Elementary look on in wonder as MSFOC employee Chip Howat uses a model provided by Boeing to explain the components of the Ares1 and Ares 5 rockets. Lake Forest Elementary held Science Night on Nov. 12 to engage and interest their students in real-world applications of math and science.



# First MSFOC Honorees see Launch



**Shannon  
Jurado**



**Larry  
Jackson**



**Eric  
Shoemaker**

On Monday, Nov. 16, the first MSFOC Launch Honorees viewed the STS-129 launch to the International Space Station. Shannon Jurado, Larry Jackson, and Eric Shoemaker were among the fifteen Space Flight Awareness Honorees from Michoud who were invited to spend two days at Kennedy Space Center for their outstanding achievement.

## Letters from Leadership

The holiday season is upon us and soon a new year will begin at the Michoud Assembly Facility. 2010 will usher in a new era for NASA's human space flight program. Let's take some time right now to think about safety, here at the workplace and especially at home.

All of us should be careful at the workplace and take great precautions at MAF. What about at home? Special holiday activities, such as hanging lights and putting up a tree can present safety challenges. Make sure you slow down and observe prudent safety precautions during holiday activities and avoid careless injuries. Water your tree regularly and make a fresh cut on the base before putting your tree into a sturdy stand. Inspect all of your electric lights and decorations for damage or wear. Cracked sockets, frayed or bare wires and loose connections may pose a fire or shock hazard.

Many of us will also be driving long distances to be with family and friends this holiday season. Check your vehicle before heading out, buckle up and obey the speed limit. Arrive alive and return home safely to your family and coworkers in 2010.

— Chip Jones, MAF COO

## MAF Ground Crew extends work to Old Gentilly



The Michoud Grounds Crew worked hard to improve the look and safety of Old Gentilly Road. Jacobs Technology has donated a year's worth of upkeep to keep Michoud's surrounding area safe.



# New Construction continues at MAF

*Pictured is the foundation work that will support the Upper Stage Robotic Weld Tool (RWT). The RWT will be used to build domes for the Ares I Upper Stage Rocket. The RWT is a friction stir welding machine with 2 robotic welders and 3 turntables built by MTS. Each robot will be able to weld on all three turntables. The RWT is the first step in building the Ares I Upper Stage and was purchased by the State of Louisiana with a partnership with National Center for Advanced Manufacturing (NCAM).*



## John Ehret High School ROTC tours Michoud



*Members of the John Ehret High School Junior Air Force Reserve Officer Training Corps toured Michoud Assembly Facility on Nov. 12. About 40 cadets viewed the facilities where the Ares I Upper Stage and Orion crew capsule will be built. They also toured through areas where the external tank is built for the Space Shuttle. John Ehret is located in Marrero, La.*

National Aeronautics and Space Administration

### **Michoud Assembly Facility**

13800 Old Gentilly Rd.  
New Orleans, LA 70129  
<http://maf.msfc.nasa.gov>

[www.nasa.gov](http://www.nasa.gov)

## **michoudmessenger**

Volume 1, Issue 5 | December 1, 2009

Chief Operating Officer: Chip Jones

Editors: John Filostrat and Angela Storey

Layout/Design: Shannon Jurado

Photographers: Chip Howat and Steven Seipel

